

**AMENDMENTS TO THE SPECIFICATION**

**Please replace the first full paragraph beginning at page 1, line 6 with the following rewritten paragraph:**

The present invention relates to a gas sensor for sensing gas, such as oxygen ( $O_2$ ), carbon dioxide ( $CO_2$ ), carbon monoxide (CO), water ( $H_2O$ ), hydrocarbon (e.g.e.g.,  $CH_4$ ,  ~~$C_2H_6$~~ ,  $C_2H_6$  or  $C_3H_8$ ), nitrogen oxide ( $NO_x$ ), or sulfur oxide ( $SO_x$ ), and more particularly to a flat limiting-current-type sensor and an oxygen-containing gas component sensor in which negative and positive electrodes are disposed on the same side of a solid electrolyte substrate, and the concentration of a particular gas contained in a gas to be measured (hereinafter referred to as "measurement gas") is determined through the restriction of gas diffusion to the negative electrode.